

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Page 1, between lines 3 and 4, please insert the section header:

Field of the Invention

Page 1, between lines 6 and 7, please insert the section header:

Background Information

Page 2, before line 1, please insert the section header:

Summary of the Invention

Page 2, between lines 13 and 14, please insert the following paragraphs:

The present invention provides a sulfur-vulcanizable rubber compound, formed by combining at least the following:

at least one diene rubber;

liquid polybutadiene with a molecular weight of 1500 – 10000 g/mol and a vinyl content of 15 – 50%;

at least one polar filler;

at least one high-structure carbon black with an iodine adsorption number of 115 – 200 g/kg and a DBP number of 125 – 160 mL/100 g; and

at least one glyceride and/or factice.

The at least one diene rubber can comprise at least one diene rubber selected from at least one of natural rubber, synthetic polyisoprene, polybutadiene and styrene-butadiene copolymer.

The liquid polybutadiene can have a molecular weight of 2000 – 5000 g/mol and a vinyl content of 20 – 35%.

The rubber compound can include 10 – 50 parts by weight liquid polybutadiene per 100 parts by weight of the at least one diene rubber, and the at least one diene rubber can comprise at least one of natural rubber, synthetic polyisoprene, polybutadiene and styrene-butadiene copolymer.

The at least one polar filler can comprise silicic acid, and the weight ratio of silicic acid to high-structure carbon black in the rubber compound can be 10:1 to 1:2.

The rubber compound can include 10 – 70 parts by weight high-structure carbon black per 100 parts by weight of the at least one diene rubber, and the at least one diene rubber can comprise at least one of natural rubber, synthetic polyisoprene, polybutadiene and styrene-butadiene copolymer.

The at least one at least one glyceride and/or a factice can comprise at least one glyceride, and the at least one glyceride can contain rape-seed oil in an amount of 5 – 10 parts by weight per 100 parts by weight of the at least one diene rubber, and the at least one diene rubber can comprise at least one of natural rubber, synthetic polyisoprene, polybutadiene and styrene-butadiene copolymer.

The rubber compound can be formed by combining at least the following:

10 – 80 parts by weight natural rubber;

10 – 50 parts by weight liquid polybutadiene;

20 – 110 parts by weight silicic acid;

10 – 70 parts by weight high-structure carbon black; and

5 – 20 parts by weight rape-seed oil.

The invention is also directed to a tire comprising a tread rubber that is adapted to come into contact with a road, the tread rubber-comprising at least in part a sulfur-

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vulcanized rubber compound according to the present invention, and the rubber compound can be a tire tread, and the rubber compound can be vulcanized.

The rubber compound can include combining at least the following:

up to 70 parts by weight polybutadiene; and

parts by weight of natural rubber and polybutadiene add up to 100.

The rubber compound can include combining at least the following:

up to 80 parts by weight solution-polymerized styrene-butadiene copolymer; and

parts by weight of natural rubber and solution-polymerized styrene-butadiene copolymer add up to 100.

The liquid polybutadiene can have a molecular weight of 2000 – 5000 g/mol and a vinyl content of 20 – 35%.

The rubber compound can include 10 – 50 parts by weight liquid polybutadiene per 100 parts by weight of the at least one diene rubber.

The at least one polar filler can comprise silicic acid, and the weight ratio of silicic acid to high-structure carbon black in the rubber compound can be 10:1 to 1:2.

The rubber compound can include 10 – 70 parts by weight high-structure carbon black per 100 parts by weight of the at least one diene rubber.

Page 2, between lines 13 and 14 (following the above insert), please insert the section header:

Detailed Description Of The Invention

Page 8, between lines 26 and 27, please insert the section header:

Examples